

TENTH

Annual Report

ON

THE PUBLIC HEALTH

OF

CLEATOR MOOR


FOR THE YEAR 1915,

BY

JOHN CLARK, M.D., F.R.C.S., Ed.

(Fellow of the Royal Institute of Public Health).

Cockermouth :
Printed by Brash Bros., Ltd., South Street.



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CLEATOR MOOR

Urban District Council.

GENTLEMEN,

Allow me to submit to you my Annual Report for the year 1915.

The Census of 1911 showed our population to be 8,302, but owing to the great war now being waged, and a large number of our population now being away on Military Service, and a considerable number being engaged as Munition workers, I consider if we estimate our population at 8,000 we cannot be very far from the mark.

The total amount of inhabited houses in the district at the Census of 1911 was 1626, and since then some 25 houses have been built, and, taking our population at the estimated amount of 8,000, this gives an average of 4.8 inhabitants to each house.

During the year 1915, 228 births were registered in the district, which represents a birth-rate of 28.5 per 1000 per annum of the estimated population. Of these children born during the year 113 were boys and 115 females, and 220 were legitimate and 8 were illegitimate.

The number of deaths registered in the district during the year was 132, giving a death-rate of 16.5, but 14 deaths of residents were registered in Institutions and localities outside the district, so that the total number of deaths belonging to the district was 146 which gives a total death-rate for the year 1915 at 18.5, which is 2.12 above the death-rate of last year.

During the year 26 deaths of children occurred under 1 year of age, giving an infantile death-rate of 3.2 which is .2 above that of last year.

As already stated the number of births registered during the year was 228, and this gives the infant death-rate per a thousand births registered at 111.4, which is 10.2 above that of last year.

The causes of deaths of these infants were measles 3, meningitis 2, bronchitis 1, pneumonia 2, diarrhoea 2, enteritis 1, injury at birth 1, premature birth 2, and atrophy, debility, and marasmus 11, and other causes 1.

In addition to these 26 deaths of infants under 1 year of age, 13 children died between the ages of 1 and 2 years, and 11 between the ages of 2 and 5 years, making the total number of deaths in children under 5 years—50—at 6.2, which is 1. above that of last year.

Thirty-four deaths occurred in people over 65 years of age, giving a senile death-rate of 4.2, which is practically the same as last year.

The number of deaths registered as due to pulmonary tuberculosis was 4, giving a death-rate of .5, which is .46 less than last year; but in addition to these cases of pulmonary tuberculosis, 1 case was registered under "other tuberculous diseases" giving a total of 5 deaths from this cause and a death-rate of .62, which is 1.78 below the rate of last year.

One hundred and nineteen cases of infectious diseases were notified during the year, and of these 2 were due to diphtheria, 16 to erysipelas, 83 to scarlet-fever, 10 to pulmonary tuberculosis, and 8 to other forms of tuberculous diseases.

Nineteen of the cases of scarlet fever were removed to Gale-mire Hospital for isolation and treatment as they could not be properly treated and isolated at home.

The death-rate from zymotic diseases was 14, 13 of these being due to measles and 1 to influenza. This gives a death-rate of 1.7 from this cause.

The death-rate from tuberculous diseases has already been given.

Nine cases of malignant disease were registered giving a death-rate of 1.1 which is .38 above that of last year.

In cases of diseases notified under the Infectious Diseases Act, all houses were visited and the surroundings inspected, disinfectants supplied, and any nuisance or insanitary condition found remedied, and upon the cessation of the disease, or the removal of the case to the isolation hospital, had the houses properly disinfected.

The water supply of the district is derived from springs and a collecting area among the Cumberland Fells, from districts practically uninhabited and largely uncultivated and at a higher level than any inhabited house from which contamination can take place. The supply is constant, and so far, we have always had an abundant supply. Last year however, owing to the continued dry weather in the autumn, it was as late as the 28th December before the reservoir at Meadby had its full capacity. The water is of excellent quality and is well adapted for domestic purposes.

During the year I visited and inspected all the cowsheds and dairies in our district and submitted to you a special report on them.

Our cowsheds and dairies are satisfactory being well lighted and ventilated, while limewashing is carefully attended to. In all cases the system of drainage slopes to gullies placed outside, and there a copious supply of cold water.

There are no milkshops in the district.

The milk supply of the district is satisfactory, the conveyance of milk from the producer to the consumer being direct and carted in suitable utensils.

I also visited and inspected all our slaughter houses during the year, and submitted a special report on them for your consideration. All our slaughter houses are well lighted and ventilated and plentifully supplied with cold water. All the floors slope to gullies placed outside, and limewashing is carefully attended to. With the exception of the Co-operative Society's slaughter house and Mr. Ewart's one in Quarry Road, they are all situated too near dwelling houses.

The market is regularly visited by the Sanitary Inspector and myself with a view of preventing the sale of any article of food which might be found unsatisfactory, diseased, or in any way unfit for human consumption, but so far, no interference has been required.

The drainage and sewerage of the district is satisfactory and the system employed for the disposal of sewage is that of settling tanks and treatment with lime.

There is no pollution of rivers or streams in the district.

There is only one common lodging house in the district. It is daily inspected by the Council's Lodging house Inspector, who reports to the Council at regular intervals.

There are no qualified midwives within the jurisdiction of the Cleator Moor Urban District Council, the obstetric practise being carried out by the medical practitioners.

I here append the annual report of our Sanitary Inspector, and all I require to say in regard to it is (as all the Council knows) that I have condemned these houses specially mentioned years ago, but owing to the scarcity of houses in the district, we are still compelled to have them inhabited as we cannot turn the inhabitants upon the street.

An inquiry was held by the Local Government Board re the scarcity of houses and I understand that the verdict was to the

effect that we required houses to be built, but owing to the war no grant of money could be advanced at the present time. This of course renders the Housing and Town Planning Act very difficult to carry into effect.

SANITARY INSPECTOR'S REPORT.

To the Medical Officer of Health.

I hereby lay before you my first Annual Report which only dates from August 24th, the day of my appointment.

During the year the following nuisances have been reported : 46 defective gullies, 36 defective cisterns, 10 choked sewers, 4 broken W.C. pots, 3 cases of accumulation of ashes, 5 burst W.C. water pipes, 28 houses with a defective water supply—all these have been remedied, new water pipes having been put in all the 28 houses, 30 fixed windows—4 have been replaced with sash windows, 6 houses with W.C.'s. in scullery, 3 houses with no W.C. accommodation, 10 defective main roofs. 53 insanitary yards—2 have been relayed with flags—many of these yards would have been remedied, but for the wet weather, which is unfavourable for such work, but a good many owners have promised to get the yards attended to at the first favourable opportunity.

Under the Housing and Town Planning Act I have inspected 698 houses which are entered in the Record Book. Of these Nos. 3, 5, 7, 9, 11, 13, 15, and 17, North Street, have all defective roofs (in wet weather the bedrooms and kitchen are flooded); 4 of these houses have the W.C. in attic. Nos. 11, 15, and 17 have no W.C. accommodation. No. 13 is a complete wreck and ought to be boarded up. I consider all these houses unfit for human habitation. Nos. 4, 5, 6, 7, 8, 9, and 10, Birks Road, are miserable small houses, all have fixed windows in kitchen and no proper ventilation. In my opinion these houses ought to be removed: that would leave Braithwaite Court open to Birks Road. These houses are back to back with the houses mentioned in North Street, and have good stone fronts. In my opinion if every house in Braithwaite Court was taken in with house adjoining in North Street, it would be the best sanitary improvement in the district. No. 16 Birks Road has W.C. in pantry. This could be made a

very good house by making a yard of the house adjoining (which is condemned) by taking the roof off and leaving the walls standing about 9ft. high. The W.C. could be removed outside and a doorway made between scullery and yard. The back door is already there.

I am your obedient Servant,

JAS. CAMPBELL,

Sanitary Inspector and Inspector of the
Housing and Town Planning Act.

Mr. Robertson, our Surveyor and Factories and Workshops Inspector, reports that there are nine factories in the district one of which was found in an insanitary condition, the rest being all satisfactory.

There are 28 workshops in the district 8 of which were found unsatisfactory. Three of these have been remedied, but the other 5 are still unattended to.

Five new water services have been put in during the year, affecting 5 houses, and the water supply to the district is highly satisfactory.

The sewers and water mains have been flushed weekly.

This, gentlemen, with the tables attached, concludes my report for 1915.

I am,

Your obedient Servant,

JOHN CLARK, M.D., F.R.C.S.,

7th February, 1916.

Medical Officer of Health.

TABLE I—*Cleator Moor Urban District.*
VITAL STATISTICS OF WHOLE DISTRICT DURING 1915 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Un-corrected Number	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 year of age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1910	8000		222	27.7	112	14.		17	26	117	129	16.12
1911	8302		251	30.2	122	14.6		13	31	123	135	16.26
1912	8300		261	31.3	135	16.26		9	33	126	144	17.35
1913	8300		245	29.5	104	12.53		17	34	138	121	14.57
1914	8300		247	29.76	126	15.18		10	25	101.2	136	16.38
1915	8000		228	28.5	132	16.5		14	26	111.4	146	18.5

Area of District in acres (land and inland water)	Total population at all ages	...	8302	} At Census of 1911,
			...	

TABLE II.—*Cleator Moor Urban District.*

Cases of Infectious Disease notified during the
Year 1915.

NOTIFIABLE DISEASE.	Cases notified in Whole District.							Total Cases removed to Hospital.
	At all Ages.	Ages.—Years.						
		Under 1	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.		65 & upwards.
Smallpox								
Cholera, Plague								
Diphtheria (including Membranous croup)	2		1	1				
Erysipelas	16			2	3	4	7	
Scarlet fever	83	3	25	43	8	4		19
Typhus fever								
Enteric fever								
Relapsing fever								
Continued fever								
Puerperal fever								
Cerebro-spinal Meningitis								
Poliomyelitis								
Ophthalmia Neonatorum								
Pulmonary Tuberculosis	10			2	1	6	1	
Other forms of do.	8			6	1		1	
TOTALS	119	3	26	54	13	14	9	19

Isolation Hospital—Galemire Isolation Hospital, in the Parish of
Hensingham and near Cleator Moor boundary.
Sanatorium—Blencathra, Threlkeld.

TABLE III.—*Cleator Moor Urban District.*

Deaths registered during the Calendar Year 1915,
classified by age and cause.

[illegible]

TABLE IV.—*Cleator Moor Urban District.*
INFANT MORTALITY DURING THE YEAR 1915.
 Nett Deaths from stated Causes at various Ages
 under 1 Year of Age.

CAUSES OF DEATH.		Under 1 Week.	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 4 weeks	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under One Year.
All Causes	Certified	...									
	Uncertified	...									
{	Small-pox	...									
	Chicken-pox	..									
	Measles	...	...	...	...	...	...	...	...	3	3
	Scarlet Fever	...									
	Whooping Cough	...									
	Diphtheria and Croup	...									
	Erysipelas	...									
{	Tuberculous Meningitis	...									
	Abdominal Tuberculosis	...									
	Other Tuberculous Diseases	...									
	Meningitis (not Tuberculous)	...	...	...	...	...	2	...	...	...	2
	Convulsions	...									
	Laryngitis	...					1	...	...	...	1
	Bronchitis	...	...	...	...	...	1	...	1	...	2
	Pneumonia (all forms)	...	...	...	...	...	1	...	1	...	2
{	Diarrhoea	...	...	...	1	1	...	...	...	1	2
	Enteritis	...	...	...	...	...	...	...	1	...	1
	Gastritis	...	...	...	...	...	...	...	...	...
	Syphilis	...									
	Rickets	...									
	Suffocation, overlying	...									
	Injury at Birth	...	1	...	...	1	...	...	...	...	1
	Atelectasis	...									
{	Congenital Malformations	...	...	...	...	...	...	...	...	...
	Premature Birth	...	2	...	...	2	...	...	...	...	2
	Atrophy, Debility, Marasmus	...	7	...	...	7	3	1	...	...	11
	Other Causes	...	...	...	...	...			1	...	1
TOTALS		...	10	...	1	11	...	...	...	...	26

Nett Births in the year—	legitimate	...	220.
	illegitimate	..	8.
Nett Deaths in the year—	legitimate infants		25.
	illegitimate	...	1.

Urban District Council of Cleator Moor.

**Factories, Workshops, Laundries, Workplaces,
and Homework.**

For the year ending 31st December, 1915.

I. INSPECTION.

Including Inspections made by Factories and Workshops
Inspectors.

	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries) ...	28	1	0
Workshops (including Work- shop Laundries) ...	56	0	0
	<hr/>	<hr/>	<hr/>
Total ...	84	1	0

2. DEFECTS FOUND.

	Found.	Remedied.	Referred H.M. Inspector.	Prosecutions.
Want of Cleanliness	3	3	0	0
Overcrowding ...	0	0	0	0
Want of Drainage of Floors ...	1	0	0	0
Dry Closets to be converted to W.C's.	2	0	0	0
W.C. requires Light and Ventilation...	1	0	0	0
Want of do. ...	1	0	0	0
	<hr/>	<hr/>	<hr/>	<hr/>
Total	8	3	0	0

4. REGISTERED WORKSHOPS.

Cleator Moor Co-operative Society's Bakehouse, Earl Street, this is registered as a Factory having mechanical power	I
Mr. J. W. Carr's Bakehouse, High Street, this is registered as a Workshop ...	I
Mr. A. Farquharson's Bakehouse, High Street, this is an Underground Bakehouse, and is registered as a Workshop	I
Mrs. A. McAdam's Bakehouse, High Street, registered as a Workshop ...	I
	<hr/>
Total number of Workshops on Register	4

5. OTHER MATTERS.

Underground Bakehouses (s. 101) in use at the end of the year I

JOHN CLARK, M.D., F.R.C.S.Edin.,
Medical Officer of Health.